



JPW 3629

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF MAILING

I hereby certify that on December 10, 2004, which is the date I am signing this certificate, I am depositing this correspondence the United States Postal Service, first class mail, in an envelope addressed to Mail Stop Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Ann Pommier
Ann Pommier

Applicant: BOWMAN-AMUAH

Serial No.: 09/387,654

Filed: 08/31/1999

Title: SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR TRANSACTION SERVICES PATTERNS IN A NETCENTRIC ENVIRONMENT

Atty. Docket No.: 060021-327501

Examiner: Fisher, Michael J.

Group Art Unit: 3629

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.56**

Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, Applicant brings the references listed on the attached Form PTO-1449 to the examiner's attention. 37 C.F.R. § 1.56. These references may be material to examination of the above-identified application. Please do not construe the filing of this information disclosure statement as a representation that applicant has made a search (37 C.F.R. § 1.97(g)), or as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. We enclose copies of the cited documents within a box herewith.

This Information Disclosure Statement is being submitted:

- ☒ 1. Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114, and therefore, Applicant believes no fee is required;
- ☐ 2. After the period specified in paragraph (1) hereinabove of this section, but is being filed before the mailing date of either a final action under 37 CFR 1.113, or a notice of allowance under 37

CFR 1.311, or an action that otherwise closes prosecution in the application, and is accompanied by one of the following:

☐ (a) A statement that either:

(i) Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;

OR

(ii) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement;

OR

☐ (b) The fee of \$180 for filing of an Information Disclosure Statement as set forth in 37 C.F.R. 1.17(p).

☐ 3. After the period specified in paragraph (2) of this section, but is filed on or before payment of the issue fee and is accompanied by both:

☐ (a) A statement that either:

(i) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;

OR

(ii) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement;

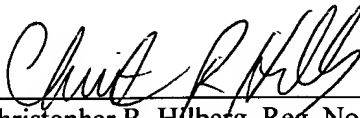
☐ (b) The fee of \$180.00 for filing of an Information Disclosure Statement as set forth in 37 CFR 1.17(p).

Applicant would appreciate the Examiner initialing and signing a copy of Form PTO-1449, transmitted herewith, indicating that the information has been considered and made of record herein.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or

other fees due in connection with the filing of this document to **Deposit Account No. 50-1901** referencing order number 060021-327501.

December 10, 2004



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Attorney for Applicant

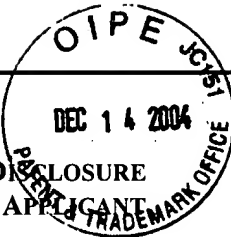
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

DEC 14 2004



Complete if Known

Application Number 09/387,654

Filing Date August 31, 1999

First Named Inventor BOWMAN-AMUAH, Michel

Art Unit 3629

Examiner Name FISHER, Michael J.

Attorney Docket Number 60021-327501

Sheet

1

of

2

U.S. PATENT DOCUMENTS

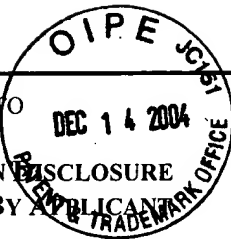
Examiner Initials*	Cite No. ¹	Document Number	Issue Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document
		Number -Kind Code ² (if known)		
	1	4,872,158	10/1989	Richards, Gaylord W.
	2	5,392,398	02/1995	Meyer, Christopher
	3	5,613,155	03/1997	Baldiga et al.
	4	5,729,689	03/1998	Allard et al.
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	7	6,016,497	01/2000	Suver, Christopher Allen
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	10	6,108,739	08/2000	James et al.
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	17	6,304,892	10/2001	Bhoj et al.
	18	6,311,209	10/2001	Olson et al.
	19	6,370,637	04/2002	Meier et al.
	20	6,389,587	05/2002	Lewis, Bradley
	21	6,407,994	06/2002	Archer, Jarrett E.
	22	6,421,667	07/2002	Codd et al.
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	25	6,490,609	12/2002	Furlani et al.
	26	6,493,323	12/2002	Dobrowolski et al.

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/387,654
				Filing Date	August 31, 1999
				First Named Inventor	BOWMAN-AMUAH, Michel
				Art Unit	3629
				Examiner Name	FISHER, Michael J.
Sheet	2	of	2	Attorney Docket Number	60021-327501

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Examiner Initials*	Cite No. ¹	Document Number Number -Kind Code ² (if known)	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	27	6,496,202	12/2002	Prinzing, Timothy
	28	2002/0116447 A1	08/2002	Bolosky et al.
	29	2002/0035604 A1	03/21/02	Cohen et al.
	30	2001/0054056 A1	12/20/01	Ventrone
	31	2002/0174263 A1	11/21/02	Codd et al.

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ²
	32	Srinivasan, V. and Chang, D.T., "Object Persistence in Object-Oriented Applications," Proquest-IBM Systems Journal, 1997, pages 1-31.		
Examiner Signature			Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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